

## **SUPPLEMENT MATERIAL**

**Fine-scale spatial patterns of the Tertiary relict *Zelkova abelicea* (Ulmaceae) indicate possible processes contributing to its persistence to climate changes**

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**Online Resource 1.** Main geographical parameters of sampling populations and observation of *Z. abelicea* seedlings in 2012 along the line transects. Population IDs follow Fazan et al. (2012).

Population ID	Site name	Mountain Region	Latitude (°N)	Longitude (°E)	Altitude (m)	Seedlings	Vegetative Growth
AMB1	Ambelitsias	Levka Ori	35°21'60''	23°59'10''	1269	no	yes
NIA	Niato	Levka Ori	35°17'16''	24°08'49''	1226	no	yes
OMA1	Omalos	Levka Ori	35°18'56''	23°54'43''	1223	no	yes
OMA2	Omalos	Levka Ori	35°18'37''	23°54'11''	1231	no	yes
OMA3	Omalos	Levka Ori	35°20'52''	23°54'45''	1043	no	yes
OMA4	Omalos	Levka Ori	35°20'44''	23°54'40''	1050	no	yes
PSI	Rouvas Forest	Psiloritis	35°10'45''	24°55'46''	1335	no	yes
LAS1	Kefala	Dhikti	35°10'10''	25°32'16''	1195	no	yes
LAS2	Mt. Dhikti	Dhikti	35°08'14''	25°30'48''	1374	no	yes
LAS3	Mt. Dhikti	Dhikti	35°08'17''	25°30'48''	1373	no	yes
STA	Afendis Kavousi	Thripiti	35°04'50''	25°53'14''	1145	no	yes

**Online Resource 2.** *Z. abelicea* of the small shrubs category





**Online Resource 3.** *Z. abelicea* of the intermediate shrubs category





Online Resource 4. *Z. abelicea* of the large shrubs category





**Online Resource 5.** *Z. abelicea* of the intermediate trees category





**Online Resource 6.** *Z. abelicea* of the large trees category

